

## 1.5 Using a Problem-Solving Plan

Ex) A carpenter makes and sells small tables. Some tables have 3 legs and some have 4 legs. Last month the carpenter made 20 tables. There were a total of 74 legs on these tables. How many tables had 4 legs?

<u>4 legs</u>	<u>3 legs</u>	<u>Total</u>
<del><math>10 \times 4 = 40</math></del>	<del><math>10 \times 3 = 30</math></del>	<del>70</del>
<del><math>12 \times 4 = 48</math></del>	<del><math>8 \times 3 = 24</math></del>	<del>72</del>
<del><math>13 \times 4 = 52</math></del>	<del><math>7 \times 3 = 21</math></del>	<del>73</del>
$(14) \times 4 = 56$	$6 \times 3 = 18$	74

14 Tables  
have 4 legs